

88-1066A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Douglas D. Klendworth et al.

: Group Art Unit: 1754

Serial No. 10/055,072

: Examiner: unknown

Filed: January 23, 2002

:

For: PROCESS FOR MAKING POLYOLEFIN  
COMPOSITIONS CONTAINING EXFOLIATED CLAY

:

:

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicants submit here a list of references they believe are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449, and copies of the references are enclosed.

Applicants respectfully ask the Examiner to consider the cited references.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on March 27, 2002.

Jonathan L. Schuchardt  
Name of person signing

Jonathan L. Schuchardt  
Signature

Respectfully submitted,

Douglas D. Klendworth et al.

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March 27, 2002

Page 1 of 1						
Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Rev. 7/89	Attorney Docket: 88-1066A Serial No. 10/055,072 Filing Date: 01/23/2002					
LIST OF PRIOR ART CITED BY APPLICANT	Applicant: Douglas D. Klendworth et al. Group Art: 1754					
	FOR: PROCESS FOR MAKING POLYOLEFIN COMPOSITIONS CONTAINING EXFOLIATED CLAY Date: March 27, 2002					
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
AA	4,473,672	09/25/84	Bottrill	523	215	03/29/82
AB	4,483,938	11/20/84	Rees	502	113	12/30/81
AC	4,564,647	01/14/88	Hayaashi et al.	523	211	11/08/84
AD	5,830,820	11/03/98	Yano et al.	502	62	03/13/97
AE	5,906,956	05/25/99	Hamura et al.	502	103	12/16/97
AF	5,925,587	07/20/99	Lee et al.	502	117	11/10/97
AG	6,034,187	03/07/00	Maehama et al.	626	72	05/21/98
AH	6,110,858	08/29/00	Kaneko et al.	502	62	12/16/97
AI	6,252,020	06/26/01	Kuo et al.	528	128	04/05/99
AJ						
AK						
FOREIGN PATENT DOCUMENTS						
	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
AL	WO 01/30864	05/03/01	PCT		YES	NO
AM	0 222 504	10/07/86	European			
AN						
AO						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
AR	Bergman et al., <i>Synthesis And Characterization Of Polyolefin-Silicate Nanocomposites: A Catalyst Intercalation And In Situ Polymerization Approach</i> , Chem. Commun. (1999), pp 2179-2180.					
AS	Izumi, Y. et al., <i>Zeolite, Clay, and Heteropoly Acid In Organic Reactions</i> , VCH Publishers Inc. (1992), pp 49-54.					
AT						
Examiner			Date Considered			
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**Notice of References Cited**Application/Control No.  
10/055,072Applicant(s)/Patent Under Reexam  
Klendworth et al.Examiner  
Ling-Siu ChoiArt Unit  
1713

Page 1 of 1

**U.S. PATENT DOCUMENTS**

* *	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Name	Classification <sup>2</sup>	
x A	4,473,672	9/1984	Bottrill	523	215
B	6,465,543	10/2002	Alexandre et al.	523	213
x C	5,830,820	11/1998	Yano et al.	502	62
x D	6,034,187	3/2000	Machama et al.	526	72
x E	6,110,858	8/2000	Kaneko et al.	502	62
x F	6,252,020	6/2001	Kuo et al.	526	128
G	6,399,535	6/2002	Shih et al.	502	187
H					
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**FOREIGN PATENT DOCUMENTS**

* *	Document Number Country Code-Number-Kind Code	Date MM-YYYY <sup>1</sup>	Country	Name	Classification <sup>2</sup>	
N	WO 95/06090	3/1995	PCT	Maxfield et al.	----	----
O	WO 97/00910	1/1997	PCT	Elspass et al.	----	----
P						
Q						
R						
S						
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**NON-PATENT DOCUMENTS**

* *	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages					
U						
V						
W						
X						

<sup>1</sup> A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a).<sup>1</sup> Dates in MM-YYYY format are publication dates.<sup>2</sup> Classifications may be U.S. or foreign.

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Le	AA	4,473,672	09/25/84	Bottrill	523	215	03/29/82
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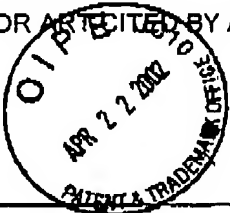
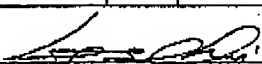
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Le	AR	Bergman et al., <i>Synthesis And Characterization Of Polyolefin-Silicate Nanocomposites: A Catalyst Intercalation And In Situ Polymerization Approach</i> , Chem. Commun. (1999), pp 2179-2180.
Le	AS	Izumi, Y. et al., <i>Zeolite, Clay, and Heteropoly Acid In Organic Reactions</i> , VCH Publishers Inc. (1992), pp 49-54.
	AT	

Examiner <i>[Signature]</i>	Date Considered <i>2/15/05</i>
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<i>le</i>	AR	Alexandre et al., Polyethylene-Layered Silicate Nanocomposites Prepared By The Polymerization-Filling Technique: Synthesis And Mechanical Properties, <u>Polymer</u> 43 (2002), pp 2123-2132.				
<i>le</i>	AS	Jin et al., Polyethylene/Clay Nanocomposite By In-Situ Exfoliation Of Montmorillonite During Ziegler-Natta Polymerization Of Ethylene, <u>Macromol. Rapid Commun.</u> 23, 2002, pp 135-140.				
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Washington, D.C. 20231SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

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Applicants submit here two references they believe are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449, and copies of the references are enclosed.

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Name of person signing

Jonathan L. Schuchardt  
Signature

Respectfully submitted,

Douglas D. Klendworth et al.

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April 12, 2002

Page 1 of 1											
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